

B1
Contd.

2. A method of manufacturing an auxiliary material for use with a superconductive material, said method comprising the steps of:

after a base material consisting of either an Ag-Mg composition or an Ag-Mg-Ni composition has been dissolved and cast, rolling or subjecting the base material to a pipe drawing treatment;

subjecting the base material to an internal oxidation which is carried out at the temperature of 650 to 850°C and continued for 20 to 80 hours in an oxygen atmosphere have a pressure of 3 to 10 atm; and

thereafter subjecting the base material to a further rolling treatment or a further pipe drawing treatment, thereby producing a material in a pipe or tape form having a predetermined thickness and a predetermined length.

Please add new claims 4-6:

B2
SB
DA

--(New) 4. A composite material, wherein said composite material comprises an Ag alloy material in a pipe or tape form and a superconductive material, wherein said Ag alloy material at least partially encloses the superconductive material, and

wherein said Ag alloy material comprises Ag as a base material, and MgO and NiO, wherein the MgO and NiO are dispersed in the Ag base material and are formed in the Ag base material through the process of internal oxidation, wherein MgO is 0.01 to 1.7 wt%, NiO is 0.02 to 1.3 wt%, the balance being Ag.

5. (New) The composite material of claim 1, wherein the composite material is in the form of a pipe.

6. (New) The method of claim 2, wherein the base material is formed into the form of a pipe.